

TABLE DOCUMENTATION
Total Full-Time & Part-Time
Employment by Industry, 1969-2000

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1. DATASET IDENTIFICATION

1.1 Title of Catalog document

Total Full-Time and Part-Time Employment by Industry, 1969-2000

1.2 Authors of the Catalog entry

Percy A. Pacheco

Sarah A. O'Connor

1.3 Catalog revision date

March 1, 2004

1.4 Dataset names

REIS data aggregated by county: reis25_cnty_v

REIS data aggregated by state: reis25_st_v

REIS data aggregated by NOAA's Coastal Watershed: reis25_edu_v

REIS data aggregated by USGS Hydrologic Cataloging Unit: reis25_huc_v

1.5 Task Group

NOS/Special Projects – Socioeconomic Trends Project

1.6 Dataset identification code

001

1.7 Version

001

1.8 Request for Acknowledgment

NOAA requests that all individuals who download Socioeconomic data acknowledge the source of these data in any reports, papers, or presentations. If you publish these data, please include a

statement similar to: “Some or all of the data described in this article were produced by the U.S. National Oceanic and Atmospheric Administration through the National Ocean Service (NOS)’ Special Project (SP) Office”.

2. INVESTIGATOR INFORMATION (for full addresses see Section 13)

2.1 Principal Investigators

Percy A. Pacheco, Project Leader, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office.

Peter Wiley, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office.

2.2 Sample Collection Investigators

N/A

2.3 Sample Processing Investigators

N/A

3. DATASET ABSTRACT

3.1 Abstract of the Dataset

The Total Full-Time and Part-Time Employment by Industry data (1969-2000) has been derived from County Level data from the Bureau of Economic Analysis. Employment consists of the number of wage and salary jobs, plus the number of sole proprietorships, and members of partnerships except limited partners. All data files are referenced to NOAA's Coastal Assessment Framework (CAF). The data are available for four distinct spatial aggregations: county, state, NOAA's Coastal Watershed, and USGS Hydrologic Cataloging Unit.

3.2 Keywords for the Dataset

socioeconomic, economic, population, employment, full-time, part-time, industry, coastal economics

4. OBJECTIVES AND INTRODUCTION

4.1 Program Objective

Special Projects is one of seven Divisions within the Office of Management and Budget of the National Ocean Service (NOS). The mission of Special Projects is to promote the NOS coastal stewardship mission by providing NOS and its partners with integrated approaches to planning and management, a national assessment capability complementary to other NOS programs, and an innovative program of information synthesis and dissemination.

4.2 Dataset Objective

Many of the goals of those involved in coastal management and policy include finding the balance in the coexistence of natural ecosystems and human society, therefore a complete picture of the geographic patterns of human activity and its relationship to the coastal environment is needed. Regional Economic Information System (REIS) data (1969-2000 Total Full-Time and Part-Time Employment by Industry) derived from County Level data from the Bureau of Economic Analysis (BEA) are provided in a format that facilitates comparisons across time and space.

4.3 Background Discussion

1969-2000 County Level Total Full-Time and Part-Time Employment by Industry data were provided by:

Regional Economic Information System (REIS) CD-ROM
 RCN-0316
 Bureau of Economic Analysis (BEA)
 U.S. Department of Commerce
 Washington, DC 20230
 Telephone: 202-606-5360
 Email: reis.remd@bea.doc.gov
 Web Site: <http://www.bea.doc.gov/>

4.4 Summary of Dataset Parameters

The U.S. Bureau of Economic Analysis provides data for a range of geographic types from the United States down to a County. A detailed description of BEA regional geography terminology can be obtained from the U.S. Bureau of Economic Analysis web site (<http://www.bea.doc.gov/bea/regional/definitions/>).

The common variables that are available for the data aggregated by county, state, NOAA's Coastal Watershed, and USGS 8-digit Hydrologic Cataloging Unit are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
REIS25_010	Total full-time and part-time employment	Total full-time and part-time employment	Number of Jobs
REIS25_020	Wage and salary employment	Wage and Salary employment	Number of Jobs
REIS25_040	Proprietors employment	Total proprietors employment	Number of Jobs
REIS25_050	Proprietors employment	Farm proprietors employment	Number of Jobs
REIS25_060	Proprietors employment	Nonfarm proprietors employment	Number of Jobs
REIS25_070	Farm employment	Farm employment	Number of Jobs
REIS25_080	Nonfarm employment	Total Nonfarm employment	Number of Jobs
REIS25_090	Nonfarm employment	Private employment	Number of Jobs
REIS25_100	Nonfarm employment, Private employment	Agricultural Services, Forestry, fishing, and other	Number of Jobs
REIS25_200	Nonfarm employment, Private employment	Mining	Number of Jobs
REIS25_300	Nonfarm employment, Private employment	Construction	Number of Jobs
REIS25_400	Nonfarm employment, Private employment	Manufacturing	Number of Jobs
REIS25_500	Nonfarm employment, Private employment	Transportation and public utilities	Number of Jobs
REIS25_610	Nonfarm employment, Private employment	Wholesale trade	Number of Jobs
REIS25_620	Nonfarm employment, Private employment	Retail Trade	Number of Jobs
REIS25_700	Nonfarm employment, Private employment	Finance, insurance, and real estate	Number of Jobs
REIS25_800	Nonfarm employment, Private employment	Services	Number of Jobs

REIS25_900	Nonfarm employment	Government and government enterprises	Number of Jobs
REIS25_910	Nonfarm employment, Government and government enterprises	Federal, civilian	Number of Jobs
REIS25_920	Nonfarm employment, Government and government enterprises	Military	Number of Jobs
REIS25_930	Nonfarm employment, government and government enterprises	State and local	Number of Jobs
REIS25_931	Nonfarm employment, Government and government enterprises, State and local	State government	Number of Jobs
REIS25_932	Nonfarm employment, Government and government enterprises, State and local	Local government	Number of Jobs

The variables that occur only within the data aggregated by county are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
FIPS	FIPS Code	Federal Information Processing Standard (FIPS) code (2-digit state and 3-digit county)	
CTYSTATE	County Name and State Abbreviation	County Name and State Abbreviation	
CTYCOAST	Coastal or Non-coastal County	Coastal or Non-coastal county	
LANDSQMI	County Land Area	County Land Area in Square Miles	sqmi
ST_ABBR	State Abbreviation Code	The 2 digits USPS State Abbreviation Code	
REGIONCD	Region Code	Census Region Code	
DIVISIONCD	Division Code	Census Division Code	

The variables that occur only within the data aggregated by state are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
ST_FIPS	State FIPS Code	The two-digit Federal Information Processing Standard (FIPS) code for each state in the US.	
ST_ABBR	State Abbreviation Code	The 2 digits USPS State Abbreviation Code	
ST_NAME	State Name	State Name	
LANDSQMI	State Land Area	State Land Area in Square Miles	sqmi
REGIONCD	Region Code	Census Region Code	
DIVISIONCD	Division Code	Census Division Code	

The variables that occur only within the data aggregated by NOAA Coastal Watershed are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
EDASUBEDA	5-digit Watershed Code	A code assigned to each derived spatial area (e.g., an EDA or CDA). Concatenated from the EDACDA attribute and SUBEDA attribute.	
SUB_NAME	Watershed Name	For EDAs with component sub-major watershed drainages (subEDAs) defined (e.g., the Chesapeake Bay), a subEDA specific name.	
EDACODE	4-digit Major Watershed Code	A code assigned to each major watershed area (e.g., an Estuarine Drainage Area, Coastal Drainage Area, Fluvial Drainage Area, Interior Drainage Area, ect.)	
EDA_NAME	Major Watershed Name	A geographic name associate with each major watershed area. Names of EDAs come from NOAA's National Estuarine Inventory; names of CDAs are a combination of edacda code plus USGS cataloging unit name. Unique Names have corresponding EDACDA Codes.	
LEDASQMI	EDA Land Area	EDA Land Area in Square Miles	sqmi
LFDASQMI	FDA Water Area	FDA Land Area in Square Miles	sqmi
T_LAND	Total Watershed Land Area	Total Watershed Land Area in Square Miles	sqmi
REGION	Region Code	NOAA Coastal Assessment Region; (N = North Atlantic, M = Mid-Atlantic, S = South Atlantic, G = Gulf of Mexico, P = Pacific, L = Great Lakes, U = Interior, X = International)	
SPATLINK	5-digit Watershed Code and Drainage Code	A code assigned to each derived spatial area (e.g., an EDA or CDA). Concatenated from the EDACDA, SUBEDA, and DR_CODE attributes	
DR_CODE	Drainage Code	Drainage Code indicating HUC is in Coastal (E), Upstream (F) or Interior (I) Component(s) of NOAA's Coastal Assessment Framework	
LANDSQMI	EDASUBEDA Land Area	EDASUBEDA Land Area (sqmi)	sqmi
WATRSQMI	EDASUBEDA Water Area	EDASUBEDA Water Area (sqmi)	sqmi
YEAR	Year	Year	

The variables that occur only within the data aggregated by USGS Hydrologic Cataloging Unit are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
HUC	8-Digit USGS Cataloging Unit	8-Digit USGS Cataloging Unit (numeric field)	
HHUC	8-Digit USGS Cataloging Unit Code	8-Digit USGS Cataloging Unit (character field)	
HUC_NAME	8-Digit USGS Cataloging Unit Name	8-Digit USGS Cataloging Unit Name	
USGSSQMI	USGS Cataloging Unit Area	USGS Cataloging Unit Area in Square Miles	sqmi
REGIONUSGS	USGS Region Code	Water Resource Region Code (two first digits of HUC)	
SUBREGION	USGS Subregion Code	Subregion Code (four first digits of HUC)	
ACC_UNIT	USGS Accounting Unit	Accounting Unit Code (six first digits of HUC)	

5. DATA ACQUISITION AND PROCESSING METHODS

5.1 Data Acquisition / Field Sampling

N/A

5.1.1 Sampling Objective

N/A

5.1.2 Sample Collection: Methods Summary

N/A

5.1.3 Beginning Sampling Date

N/A

5.1.4 Ending Sampling Dates

N/A

5.1.5 Sampling Platform

N/A

5.1.6 Sampling Equipment

N/A

5.1.7 Manufacturer of Sampling Equipment

N/A

5.1.8 Key Variables

N/A

5.1.9 Sample Collection: Methods Calibration

N/A

5.1.10 Sample Collection: Quality Control

N/A

5.1.11 Sample Collection: References

N/A

5.1.12 Sample Collection: Alternate Methods

N/A

5.2 Data Preparation and Sample Processing

N/A

5.2.1 Sample Processing Objective

N/A

5.2.3 Sample Processing: Methods Calibration

N/A

5.2.4 Sample Processing: Quality Control

N/A

5.2.5 Sample Processing: References

N/A

5.2.6 Sample Processing: Alternate Methods

N/A

6. DATA ANALYSIS AND MANIPULATIONS

6.1 Name of New or Modified Values

N/A

6.2 Data Manipulation: Description

The annual county level 1969-2000 Regional Economic Information System (REIS) data (Total Full-time and Part-time Employment by Industry) were exported from the REIS CD-ROM as a dbase file and then imported into the Statistical Analysis System (SAS) software for further processing and analysis. Employment estimates are shown in the number of jobs.

The county level data records contained the following disclosure codes:

(N) = Data not available for this year

(L) = Less than 10 jobs, but the estimates for this item are included in the totals

(D) = Estimates not shown to avoid disclosure of confidential information

The code (N) was treated as missing data. For cases of code (D) which occurred mostly for the sub-categories of Mining and Wholesale Trade in the major category "Private Employment", estimates were computed using the following algorithm:

Example: mining and wholesale trade data shown as (D)

$$M = (pe-soi) * [(m_st/(m_st + w_st))]$$

$$WT = (pe-soi) * [(w_st/(m_st + w_st))]$$

Where:

M = Mining employment estimates (number of jobs)

WT = Wholesale Trade employment estimates (number of jobs)

pe = Private employment data (number of jobs)

soi = Sum of all sub-categories (other than codes D) employment estimates (number of jobs)
m_st = Mining employment estimates in the State (number of jobs)
w_st = Wholesale Trade employment estimates in the State (number of jobs)

At the state level, all data are available.

The REIS county level file contains data for FIPS with special definitions. FIPS in this project refers to the 2-digit state FIPS code plus the 3-digit county FIPS code. Data from these Special FIPS were prorated to Census FIPS in order to prorate the county level data to watersheds. A complete description of the equations and proration coefficients used in these calculations is available in the REIS detailed project file at:

http://www8.nos.noaa.gov/socioeconomics/download/metadata/REIS_detailed_description.html

7. DATA DESCRIPTION

7.1 Description of Parameters

Please refer to section 4.4.

7.1.1 Components of the Dataset

Please refer to section 4.4.

7.1.2 Precision of Reported Values

Please refer to section 4.4.

7.1.3 Minimum Value in Dataset

The data varies per socio demographic variable

7.1.4 Maximum Value in Dataset

The data varies per socio demographic variable

7.2 Data Record Example

N/A

7.2.1 Column Names for Example Records

Please refer to section 4.4.

7.2.2 Examples of Data Records

Please refer to section 4.4

8. GEOGRAPHIC AND SPATIAL INFORMATION

8.1 Minimum Longitude (Westernmost)

-178.22

8.2 Maximum Longitude (Easternmost)

-66.97

8.3 Minimum Latitude (Southernmost)

18.92

8.4 Maximum Latitude (Northernmost)

71.41

8.5 Name of Region
United States

9. QUALITY CONTROL AND QUALITY ASSURANCE

9.1 Measurement Quality Objectives
These data are reported in a separate file.

9.2 Data Quality Assurance Procedures
County-level REIS data were computed using the file with prorated values (REIS data in CAF unique/county or unco area). These computed county data were compared with data in original REIS county file. The comparison provided equal values confirming the accuracy of the proration coefficients used.

9.3 Actual Measurement Quality
All of the data reported in these data files met the QA specifications.

10. DATA ACCESS

10.1 Data Access Procedures
Data can be downloaded from the web at
<http://www8.nos.noaa.gov/socioeconomics/download/employment.aspx>

10.2 Data Access Restrictions
None

10.3 Data Access Contact Persons
Percy A. Pacheco, NOAA/NOS/MB/Special Projects
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10.4 Dataset Format
ASCII (tab delimited) and XML files

10.5 Information Concerning Anonymous FTP
Not available

10.6 Information Concerning WWW
See Section 10.1 for WWW access

10.7 CD-ROM Containing the Dataset
N/A

11. REFERENCES

N/A

12. TABLE OF ACRONYMS

BEA	Bureau of Economic Analysis
CDA	Coastal Drainage Area
EDA	Estuarine Drainage Area
FIPS	Federal Information Processing Standard
FDA	Fluvial Drainage Area
HUC	USGS Hydrologic Cataloging Unit
MB	Management and Budget Office

NOAA	National Oceanic and Atmospheric Administration
NOS	National Ocean Service
REIS	Regional Economic Information System
SAS	Statistical Analysis System (software)
SP	Special Projects
QA/QC	Quality Assurance/Quality Control
USGS	United States Geological Survey
USPS	United States Postal Service
WWW	World Wide Web

13. PERSONNEL INFORMATION

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